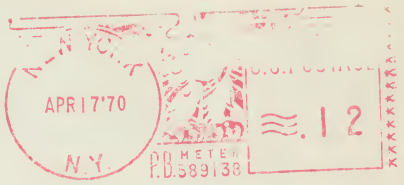


CyTek 366 Fifth Ave., New York, N.Y. 10001

FIRST CLASS MAIL

Mr. T. Nelson
Box 3
Schooleys Mtn., N.J. 07870

mirs

FIRST CLASS MAIL

Phone: (212) 594-8870

CyTek
INFORMATION SYSTEMS CORPORATION

366 Fifth Avenue
New York, N.Y. 10001

Dear Sir:

Many thanks for your recent request for information on Cytek's MIRS terminal.

The MIRS system addresses the problem of information storage, retrieval and data input in a totally new and significant fashion. The foundation of the system is the MIRS display terminal, which can internally store at any one time approximately 63,000 pages of information on microfiche. The microfiche are stored in removable bins. This feature allows Cytek to accommodate applications where storage requirements exceed terminal capacity.

The price of the basic MIRS system is $9,480. This price includes terminal support software and an electronic pen for easy and efficient user interaction. Also included in this basic price is a modular control unit that facilitates the addition of many currently available hardware components (e.g., CRT, strip printer, microfiche printout, etc.). This latter feature can lead to significant cost savings during final system implementation. For multiple terminal applications, Cytek has also developed a Master Control Unit that can multiplex up to 32 terminals and also provide automatic polling.

Delivery of MIRS units is scheduled to begin during the last quarter of 1970.

Sincerely,

Warren Firstenberg

Warren Firstenberg
Vice President - Marketing

WF/ef
Enc.

CyTek

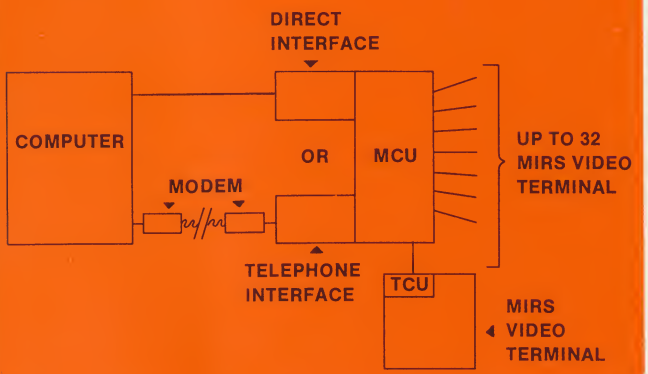
INTRODUCES

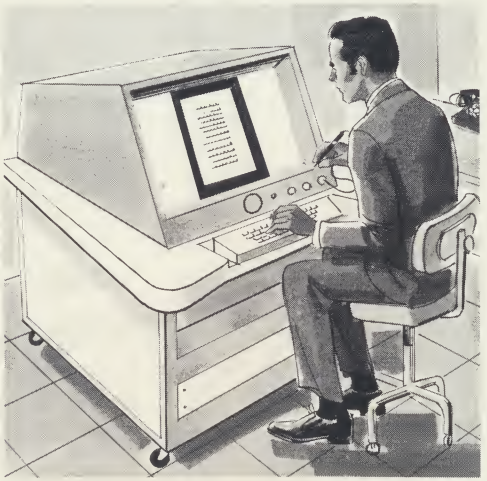
mirs

SPECIFICATIONS:

Microfiche Store:

- Capacity: 640 fiche arranged in 5 bins with 128 fiche per bin. This yields 62,720 pages using NMA Standard Microfiche (98 pages per fiche) or 38,400 pages using COSATI (60 pages per fiche).
- Random Access Time:
  Within fiche, ¼ sec. max.
  Within bin, 1½ sec. max.
  With entire store, 3¼ sec. max.
- Pen Input: .01″ local precision, .03″ absolute accuracy.
- Audio Unit: 16 messages of 5 sec. duration each, randomly accessible. Other configurations available upon request.
- Terminal Control Unit (TCU): Can address up to 8 devices (including microfiche store and audio unit) such as badge readers, strip or line printers, keyboard, CRT, hard copy of fiche frame, etc.
- Master Control Unit (MCU): Multiplexes up to 32 MIRS Terminals. Provides automatic polling.





MIRS IS A TRUE SYSTEM

MIRS is an interactive information retrieval system, consisting of a video terminal display device and microfiche storage, support software, application programs, and a user language which permits someone who is not a programmer to develop and implement applications.

The MIRS video terminal stores up to 62,720 pages, 8½ by 11 (or larger), of print, diagrams, photos, etc., on microfiche. A special retrieval mechanism and the software design provides rapid random access. The stored image, in black and white or color, is displayed on the video screen with a quality equal to that of a photograph. Information storage in this manner is markedly lower in cost than computer storage on tapes or memory discs, and communications costs are lower than with a CRT.

The user can operate the terminal without the benefit of special training, using either an electronic pen or typewriter keyboard.

Modular electronic design is employed throughout MIRS. The master control unit multiplexes up to 32 terminals, and the system interfaces to special equipment and easily integrates into existing computer systems.

SOFTWARE

The MIRS includes an in-depth array of software support which facilitates the implementation of applications either by programmers or non-programmers.

General User Language: Overcomes a major barrier to effective computer use by permitting either Cytek's industry analyst or the user to control and develop applications directly from their specific knowledge and experience in a given industry rather than delegate this important task to a programmer unfamiliar with the industry. This direct relationship, a major advantage of the Cytek system, allows the user to develop his own applications or to modify an existing application in an application-oriented language rather than in a typical programming language.

Data Structure Description: Permits the programmer to describe a data structure and to manipulate it with direct and natural commands.

Multi-terminal control and dynamic storage allocation: Permits application programs and procedures to be written independently of the number of terminals to be used; operates in conjunction with the multiplexing and polling provided by the Master Control Unit.

SUPPORT

Industry Analyst: The industry analyst is a specialist with practical experience in a given industry (e.g., medicine, insurance, airlines, banking, industrial education, etc.). The industry analyst establishes liaison between the software expert and the client. By use of the General User's Language, the industry analyst has a

unique method for translating practical industry experience directly into a running application. This reduces or eliminates communication problems between technical and non-technical personnel and makes more efficient use of programming resources.

Service: A national service organization will provide complete servicing of the MIRS System. Cytek will offer service agreements to its customers for complete on-call maintenance of the equipment.

Microfiche Production and Up-Dating: Cytek will produce original microfiche and up-date existing microfiche records as required by the client.

OPTIONS

Cytek has designed the electronic control unit and software to accommodate many currently available hardware components, including:

Cathode Ray Tube: A CRT display incorporated into MIRS provides additional dynamic capability

Keyboard/Special Function Buttons: These expand the input capability of MIRS

Badge Reader: Allows the user to enter information from coded cards

Strip or Line Printer: To produce hard copy of the information generated by the computer

Microfiche Printout: By using a dry copier process, individual microfiche records stored in MIRS can be converted into hard copy.

APPLICATIONS

There is virtually no limit to the types of applications to which MIRS can be adapted. Wherever rapid data storage and retrieval are required, MIRS meets the demand.

Industry: Management information systems . . . inventory control . . . parts catalogues . . . sales catalogues . . . signature verification . . . engineering . . . production . . . legal records . . . insurance . . . travel planning and reservation . . . credit bureaus . . . brokerage offices . . . bibliographic reference . . .

Medicine: Collection of medical histories . . . medical records . . . paramedical education . . . hospital information systems . . . clinic management . . . patient education . . . industrial medicine . . . medical research . . .

Education: Vocational education . . . industrial training programs . . . computer assisted instruction . . . student guidance . . . record management . . .

m	I	r	S
MICRO	INTERACTIVE	RETRIEVAL	SYSTEM

MIRS is a widely adaptable system for storage, display and input of data, especially suited for interactive information retrieval.

FEATURES:

- Video-terminal device with microfiche storage
- Image display of photographic quality
- Electronic pen for easy and efficient user interaction
- Stores large amounts of data at low cost
- Rapid access
- Black and white or color video display
- Low communications costs
- Systems engineered — support software, application programs, user language
- Extensive user-oriented software
- Voice response option
- Master control unit multiplexes up to 32 terminals with hardware polling
- Built-in interface to special equipment
- Integration into existing computer systems is easy and economical

CyTek
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